









NOTES:
 1. GRADE AT TOP OF WALL IS FROM CHART ON NC DOT PLAN SHEET.
 2. BERM GRADE IS FROM FIELD SURVEY, 2' IN FRONT OF WALL.

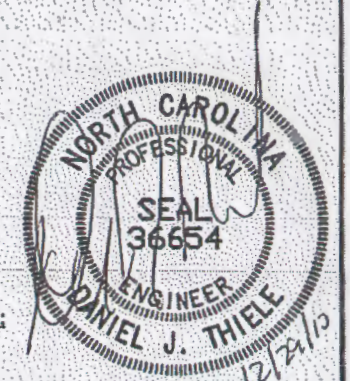
N.C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 GEOTECHNICAL ENG. UNIT-WAO

 ACCEPTED
 X ACCEPTED AS NOTED
 RETURNED FOR CORRECTIONS
 SEE LETTER
 BY: *D.H. alt*
 DATE: 3/22/2011

STONE STRONG BLOCK LEGEND:

-  24 SF UNIT
-  6 SF UNIT
-  END UNIT
-  24 SF TOP UNIT
-  6 SF TOP UNIT
-  CORNER UNIT
- 24 SF UNIT w/
12" MASS EXTENDER
-  3 SF UNIT
-  3 SF TOP UNIT

ELEVATION SCALES:
 HORIZ. - 1" = 20'
 VERT. - 1" = 5'



©Copyright 2010 - Thiele Geotech, Inc.
 Unauthorized copying, reproduction, or reuse is prohibited.

REVISIONS:
 12/28/10 ADD CONCRETE HEADWALL TO WALL 1 AND MODIFY WALL BASE

WALL ELEVATION WALL 1

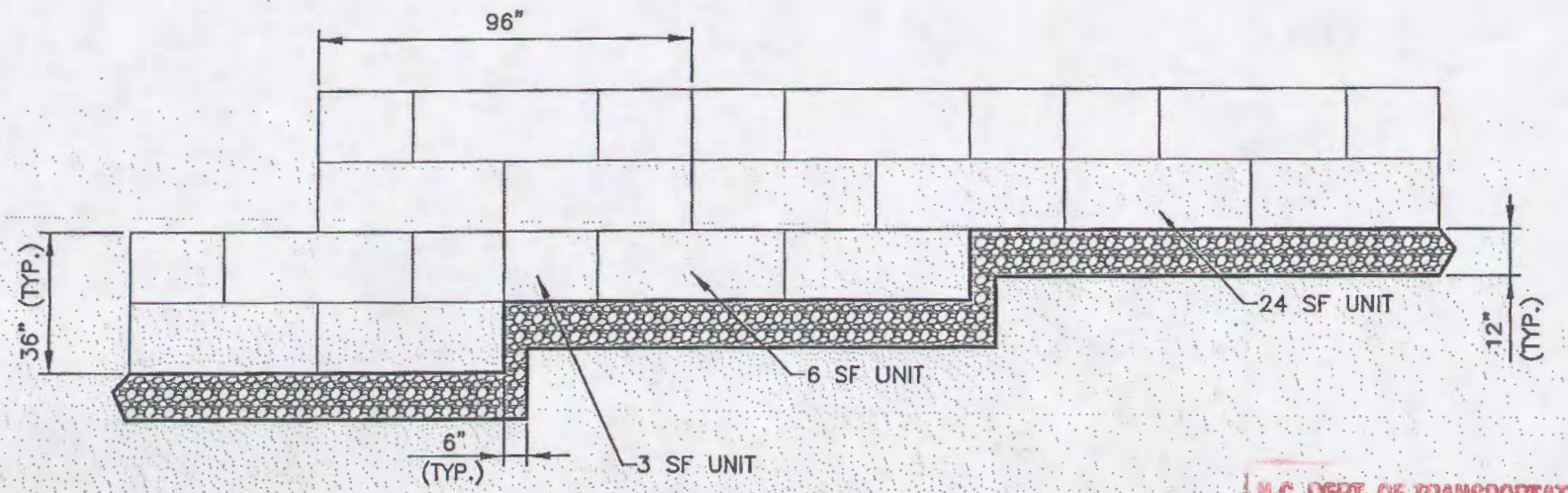
NC DOT PROJECT NO. R-2100B
 ASHE COUNTY, NORTH CAROLINA



13478 CHANDLER ROAD
 OMAHA, NEBRASKA 68138
 402/556-2171
 www.thielegeotech.com

SHEET: R3

DATE: 11/8/10 **JOB NO:** 10445.00
DB: MDS **CB:** KAJ

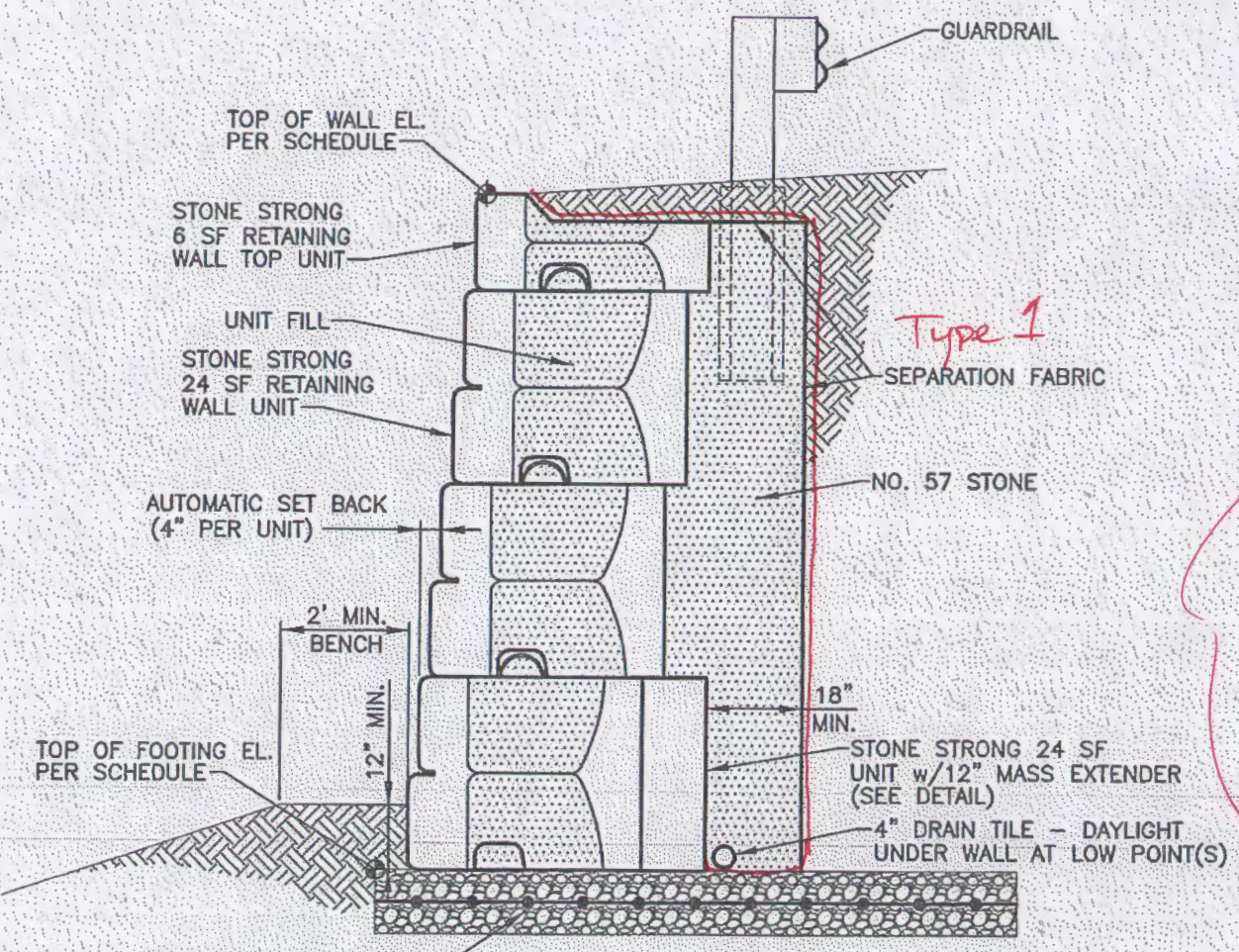


WALL BASE STEP
NOT TO SCALE

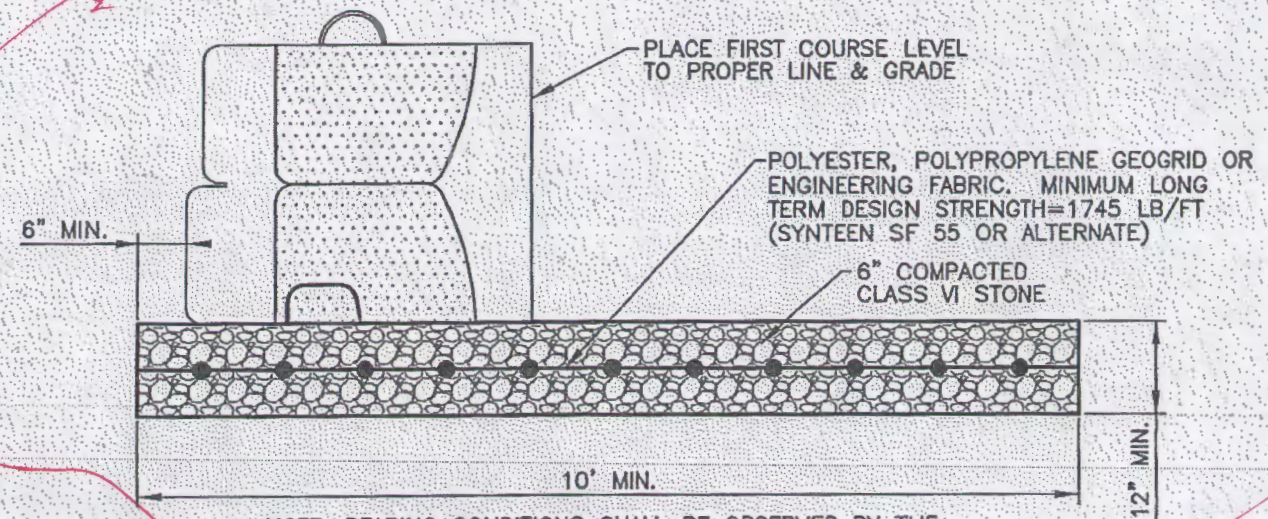
N.C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL ENG. UNIT-WHO

ACCEPTED
 ACCEPTED AS NOTED
 RETURNED FOR CORRECTIONS
 SEE LETTER

BY: *D. Thiele*
 DATE: 3/22/2011

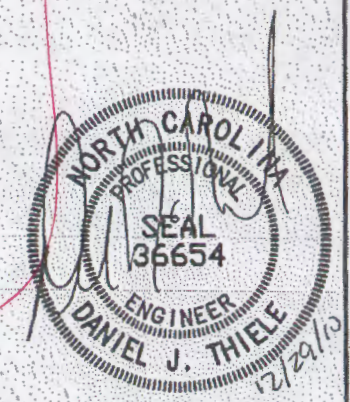


TYPICAL GRAVITY WALL CROSS SECTION
NOT TO SCALE



NOTE: BEARING CONDITIONS SHALL BE OBSERVED BY THE SITE GEOTECHNICAL ENGINEER. BASE DIMENSIONS MAY BE INCREASED TO ADDRESS DEFICIENT BEARING CONDITIONS

WALL BASE
NOT TO SCALE



FIRM #C-3581

© Copyright 2010 - Thiele Geotech, Inc.
Unauthorized copying, reproduction, or reuse is prohibited.

REVISIONS:
12/28/10 ADD CONCRETE HEADWALL TO WALL 1 AND MODIFY WALL BASE

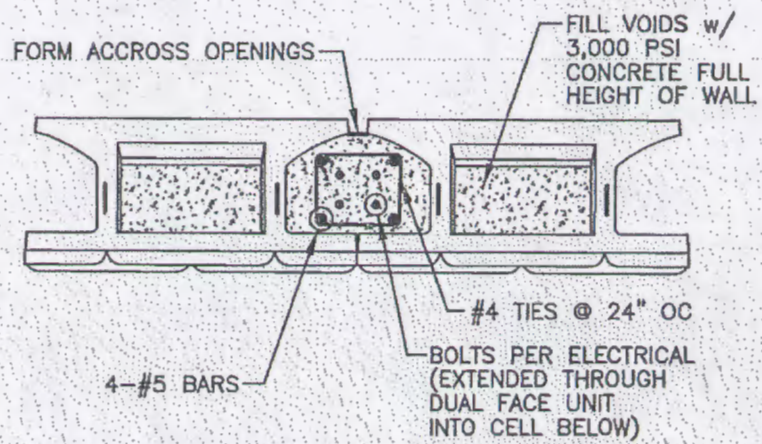
DETAILS

NC DOT
PROJECT NO. R-2100B
ASHE COUNTY, NORTH CAROLINA

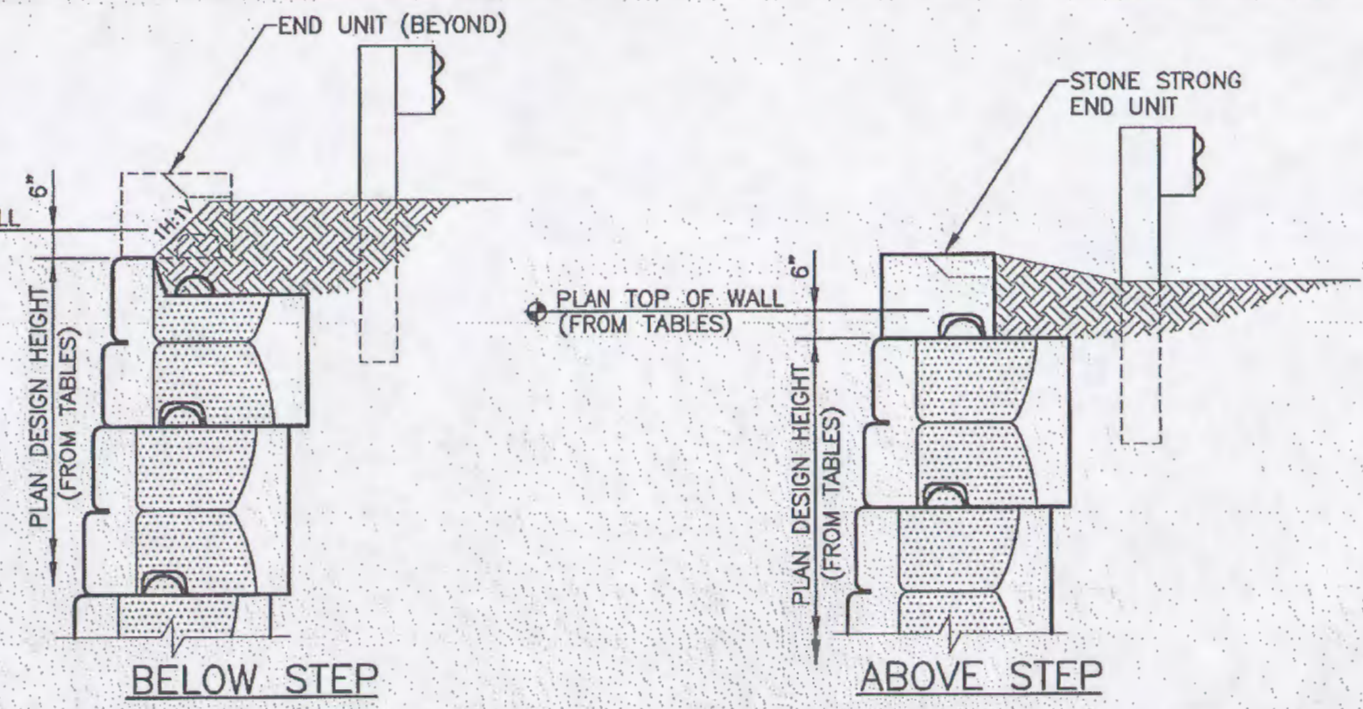
Thiele Geotech Inc
GEOTECHNICAL • MATERIAL • ENVIRONMENTAL • ENGINEERING

13478 CHANDLER ROAD
OMAHA, NEBRASKA 68138
402/556-2171
www.thielegeotech.com

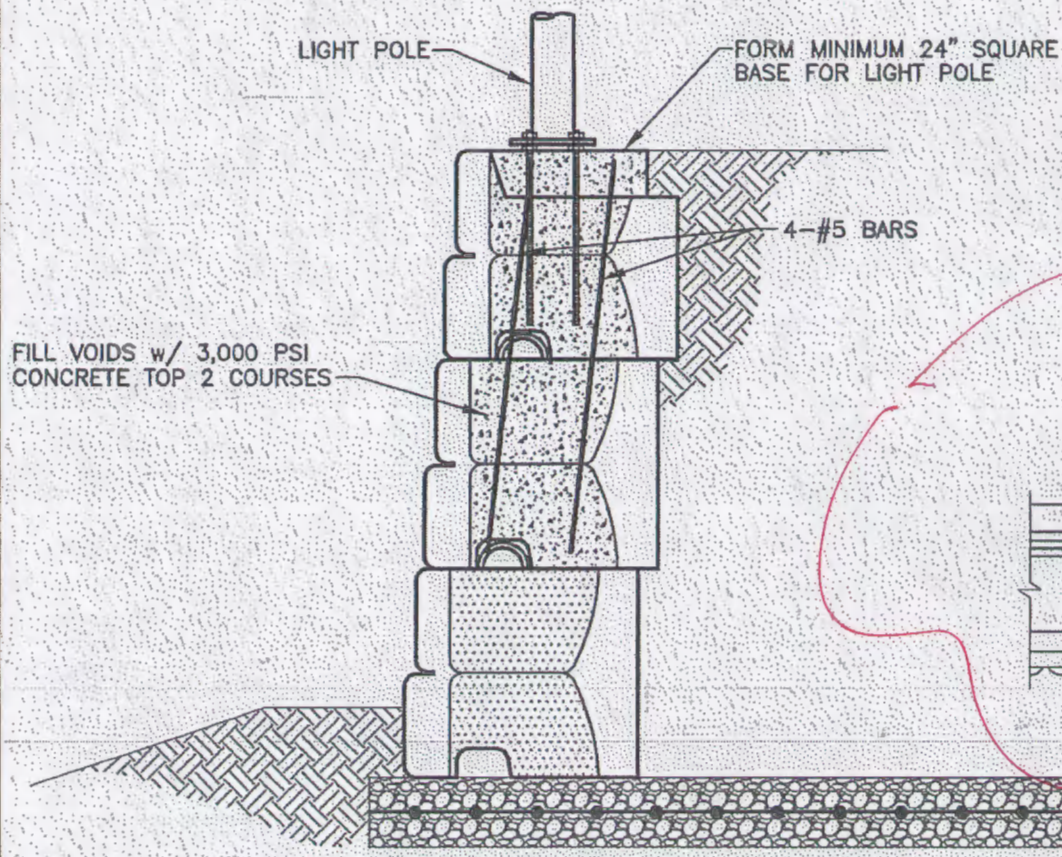
SHEET: R13
DATE: 11/8/10 JOB NO: 10445.00
DB: MDS CB: KAJ



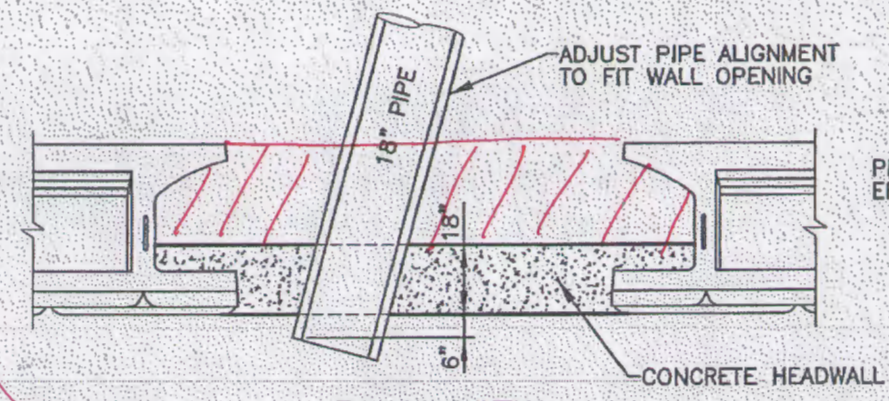
N.C. DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 GEOTECHNICAL ENG. UNIT-WRO
 ACCEPTED
 X ACCEPTED AS NOTED
 RETURNED FOR CORRECTIONS
 SEE LETTER
 DR: *D. Thiele*
 DATE: 3/22/2011



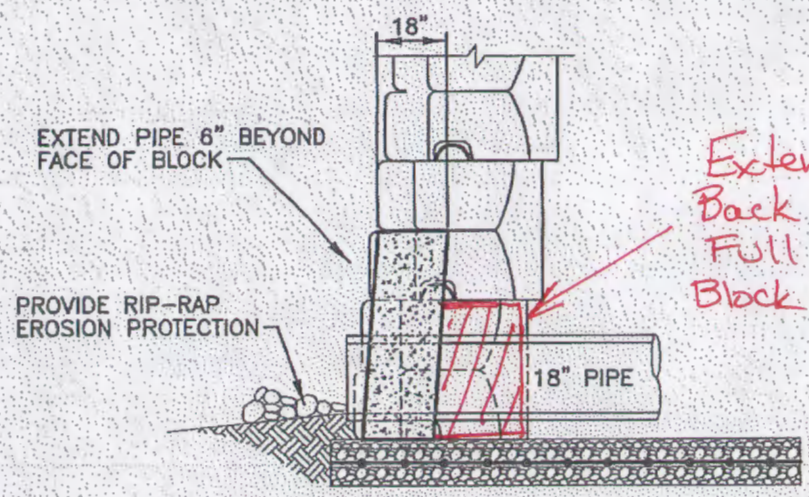
**TOP OF WALL TREATMENT
 AT 18\"/>**



LIGHT POLE BASE
 NOT TO SCALE



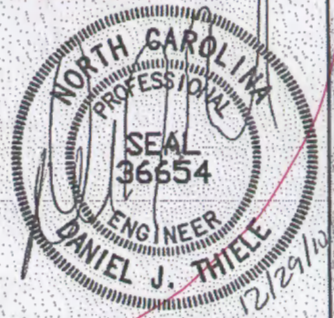
PLAN VIEW



CROSS SECTION

CONCRETE HEADWALL DETAIL
 NOT TO SCALE

Extend Headwall
 Back To Provide
 Full Bearing to
 Block Above



FIRM #C-3581

©Copyright 2010 - Thiele Geotech, Inc.
 Unauthorized copying, reproduction, or reuse is prohibited.

REVISIONS:
 12/28/10 ADD CONCRETE HEADWALL TO
 WALL 1 AND MODIFY WALL BASE

DETAILS (CONTINUED)

NC DOT
PROJECT NO. R-2100B
 ASHE COUNTY, NORTH CAROLINA

Thiele Geotech Inc
 GEOTECHNICAL • MATERIAL • ENVIRONMENTAL • ENGINEERING

13478 CHANDLER ROAD
 OMAHA, NEBRASKA 68138
 402/556-2171
 www.thielegeotech.com

SHEET: R14	
DATE: 11/8/10	JOB NO: 10445.00
DB: MDS	CB: KAJ